

1 April 1964

FROM: P.E.

SUBJECT: Monthly Activities Report for March 1964

TO: Commander, WRSP-IV

1. Flight Activities: In addition to scheduled flight activities, the Personal

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Equipment Section furnished P.E. support for LAC, [redacted] and [redacted]

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2. Training: A brief discussion period had been conducted with [redacted]

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[redacted] concerning the operation and use of the Q445 seat

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pack. Discussion led to the firm belief that present water survival techniques require

re-evaluation. Telecon with [redacted]

revealed that the pools are currently being refinished and will not be available for another month. The P.E. section will undertake a study of the current procedures and attempt to improve upon them.

3. Seat Pack Maintenance: In addition to routine maintenance, [redacted] serviced 4

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ARDC and 1 IAC seat pack.

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5. Research and Development: Parachutes, five (5) each, type T-10 (HALO) had been

received from depot at the direction of [redacted]

The type T-10 has a 35 foot STATINTL

canopy, a feature that is highly desirable for use by this organization. At the

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direction of Hqs, one of the T-10s is on loan to IAC. Preliminary findings reveal

that the parachute is 1½ to 2 inches thicker than the present B-5. [redacted]

IAC pilot, tried the chute on for determining room and comfort in the cockpit of the

article. He complained of a pressure point across the back and that the chute pushed

him forward approximately 1½ to 2 inches into the yoke although he still had sufficient

room to manipulate the controls. The pressure point in the back can possibly be re-

lieved by careful repacking of the canopy risers in the chute. The thickness can

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possibly be resolved by modification of the pack assembly. This is an area of extreme importance insomuch as there is a question of the pilots ability to clear the edge of the canopy with his legs upon ejection. 0445/Seat/pack/

6. Q445 Seat Pack: The Q445 seat pack is entering the final stage of development.

STATINTL A visit to LAC by [redacted] to discuss the
STATINTL seat pack with [redacted] concluded
with the following recommendations:

- a. Install rabbit ear on the personal leads quick disconnect for indication of positive lock of PLQD.
- b. Test for pilot comfort on long duration flights extending to approximately 6 hours (accomplished at EAFB).
- c. Jump testing (to be accomplished at El Centro).
- d. Install improved set of carrying straps.
- e. Determine best seat cushion for use with the seat pack.
- f. Improve accessibility of adjusting nuts to kit control cables.

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[redacted]
Personal Equipment NCOIC